



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

January 24, 2012

Mr. Ed Peresie  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: James W. Hagedorn (3AT23)

Mr. Steve Hepler  
Department of Environmental Protection  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745

Department of Justice  
Environmental and Natural Resource Division  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 12-0021  
ACHD Reference Number: 14446  
400 Claus Plant  
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

James F. Dudek  
Plant Manager  
Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 12-0021  
ACHD Reference Number: 14446
2. Date & Time of Outage: Date: 01/24/12 Time: 0840 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: 400 Claus Plant
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: During an approximate 1 week period, the 400 Claus Plant will be unavailable for service to make repairs to the thermal reactor.

The 400 Claus Unit is a redundant piece of equipment. Gas processing for sulfur removal was handed off to the 600 Claus Unit. Sulfur Plant performance will not be affected. Sulfur emissions will not increase.

8. Identification of Emissions:

- A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
The 600 Claus Plant will carry the full acid gas flow to the plant. No environmental impact is expected.
- B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). N/A No environmental impact is expected.
- C. Amount of each type emitted (or likely to be emitted).  
N/A

9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
Personnel, materials and equipment were on site prior to the start of the outage. The 600 Claus Plant will carry the full acid gas flow to the plant.

10. Facility back in operation - Date: Time: hours

Signature

*Coleen M. Davis*

Date *1-25-12*

Coleen M. Davis

Senior Environmental Control Engineer Phone: 412-233-1015